

Table 10G6-1  
Summary of Laboratory Test Results

BORING NO.	DEPTH		SOIL DESCRIPTION	PARTICLE SIZE ANALYSIS					ATTERBERG LIMITS				WATER CONTENT	SHEAR STRENGTH	CONSOLIDATION TESTS						CHEMICAL ANALYSIS SOIL			
				GRAVEL 3" TO NO. 4	SAND NO.4 TO NO. 200	FINES MINUS NO. 200	CLAY	D <sub>50</sub>						UNCONSOLIDATED	UNDRAINED TRIAXIAL TEST	Cc	Cr	VOID RATIO	Pmax	Sp Gr	Density	pH	Chlorides	Sulfates
									C <sub>u</sub>															
	(feet)			(%)	(%)	(%)	(%)	(mm)	(%)	(%)	(%)		(%)	(psf)				(psf)		(pcf)		(ppm)	(ppm)	
B-105	5.0	6.5	Dark brown, very stiff, SILT, some clay						33	22	11	CL	19.1											
	7.5	9.0	Brown and gray mottled, medium stiff, silty CLAY																	8.50	12	<50		
	12.5	15.0	Brown and gray mottled, silty CLAY										26.4	936	0.280		0.841	4,656	2.75	119.7				
	15.0	16.5	Brown and gray mottled, stiff, silty CLAY	0.0	4.1	95.9	36.6	0.0104	37	20	17	CL	28.1											
	17.5	20.0	Brown and gray mottled, stilty CLAY										28.4	1,331	0.270		0.782	5,827	2.75	121.5				
	20.0	21.5	Brown and gray mottled, medium stiff, silty CLAY						39	23	16	CL	32.6											
	27.5	30.0	Brown and gray mottled, silty CLAY, trace reddish brown sand seams										32.4	1,020	0.340		0.908	8,267	2.75	118.8				
	30.0	31.5	Brown and gray mottled, stiff, silty CLAY to clayey SILT						37	23	14	CL	38.3											
	55.0	56.5	Brown silty SAND with gravel	23.6	40.3	36.1	15.5	0.524	36	30	6	SM	21.6											
B-106	5.0	6.5	Dark brown, very stiff, SILT																	8.5	ND	<50		
	12.5	15.0	Brown and gray mottled, silty CLAY										27.2	606	0.240		0.751	5,203	2.75	123.1				
	15.0	16.5	Brown and gray mottled, medium stiff, silty CLAY						36	22	14	CL	29.9											
	17.5	20.0	Brown and gray mottled, silty CLAY										25.0	1,738	0.270		0.785	8,303	2.75	122.1				
	20.0	21.5	Brown and gray mottled, soft, silty CLAY	0.0	0.9	99.1	37.0	0.009	38	22	16	CL	26.6											
B-110	5.0	6.5	Brown, medium stiff, fine sandy SILT	0.0	37.9	62.1	18.8	0.0486	21	18	3	ML	23.1											
	12.5	17.5	Well-graded GRAVEL with silt and sand	59.5	34.2	6.3		7.92																
	20.0	21.5	Brownish gray, dense, fine to coarse SAND and GRAVEL																	8.5	ND	<50		
	55.0	56.5	Well-graded SAND with silt and gravel	31.9	59.0	9.1		1.99																
	80.0	81.5	Brown, hard, silty CLAY	0.0	2.9	97.1	31.6	0.01	39	27	12	CL/ML	30.2											
	95.0	96.5	Brown, very stiff, silty CLAY, some fine rounded black gravel						40	31	9	ML	25.1											
B-113	5.0	6.5	Brown, hard, SILT, trace clay and organics						32	20	12	CL	25.2											
	7.5	9.0	Brown, very stiff, SILT																	8.2	76	170		
	15.0	16.5	Brown and gray mottled, soft, silty CLAY																	8.1	12	<50		
	20.0	21.5	Brown and gray mottled, very soft, silty CLAY, trace fine sand	0.0	13.5	86.5	26.0	0.0215	28	20	8	CL	28.5											
	35.0	41.5	Poorly graded SAND with silt and gravel	23.8	67.6	8.6		0.881																
	45.0	50.1	Poorly graded GRAVEL with silt and sand	64.0	26.7	9.3		11.1																
	55.0	61.5	Poorly graded SAND with silt and gravel	44.2	45.7	10.1		3.67																
	85.0	86.5	Gray and brown mottled, very stiff, silty CLAY	0.0	9.2	90.8	23.9	0.0231	29	19	10	CL	26.2											
	95.0	96.5	Gray, hard, CLAY						51	25	26	CH	36.8											
B-114	5.0	6.5	Poorly graded GRAVEL with silt and sand	59.3	35.5	5.2		10.2																
	10.0	11.5	Grayish brown, dense, fine to coarse SAND and GRAVEL																	8.5	ND	<50		
	25.0	26.5	Well-graded SAND with silt and gravel	43.9	47.8	8.3		3.9																

LEGEND:  Undisturbed shelby tube samples